

### **ABSTRACT OF THE DISCLOSURE**

[0022]           A suspension system for motor vehicles includes a piston-cylinder assembly having a working cylinder, a piston rod guidably inserted in a piston rod guide in the cylinder, and a damping piston having damping valves movably arranged in the working cylinder and connected to the piston rod. A shape-changing, enclosed envelope body is provided as an equalization space. A wall of the enclosed envelope is a gas-tight blocking layer. A connecting element connected to the enclosed envelope body is held in the piston rod guide, wherein the connecting element is non-detachably inserted into a drilled hole defined in the piston rod guide.